

Date: Wed, 1 Jun 94 08:59:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #604
To: Info-Hams

Info-Hams Digest Wed, 1 Jun 94 Volume 94 : Issue 604

Today's Topics:

"The Rhythm of the Code" tape
440 in So. Cal.
anyone there ?
Daily Summary of Solar Geophysical Activity for 31 May
Got card from HH2PK!
Ham Radio few problem (2 msgs)
IDing
NEEDED: FCC Compliant FM Xmitter
TRANSVERTERS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 1 Jun 1994 08:13:19
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!udel!news2.sprintlink.net!
news.sprintlink.net!indirect.com!s146.phxslip.indirect.com!
lenwink@network.ucsd.edu
Subject: "The Rhythm of the Code" tape
To: info-hams@ucsd.edu

In article <6189@tdbunews.teradata.COM> wps@ElSegundoCA.NCR.COM (Bill Starkgraf) writes:
>Path: indirect.com!news.sprintlink.net!demon!uknet!EU.net!uunet!ncrgw2.ncr.com!
ncrhub2!tdbunews!nsc32!wps
>From: wps@ElSegundoCA.NCR.COM (Bill Starkgraf)
>Newsgroups: rec.radio.amateur.misc
>Subject: Re: "The Rhythm of the Code" tape

>Message-ID: <6189@tdbunews.teradata.COM>
>Date: 31 May 94 14:15:59 GMT
>References: <CqHB0J.5E5@csn.org>
>Sender: news@tdbunews.teradata.COM
>Reply-To: wps@ElSegundoCA.NCR.COM
>Distribution: world
>Organization: AT&T GLOBAL INFORMATION SOLUTIONS
>Lines: 15

>I won a copy at our club raffle after our last meeting. My two daughters,
>who do not anything to do with Ham radio or even morse code, like the tape.
>Maybe now they won't be so harsh on code.

>Bill

>+-----+
>| Bill Starkgraf wps@ElSegundoCA.ncr.com |
>| AT&T Global Information Solutions (310) 524-5754 |
>| El Segundo, CA (800) 222-8372 x5754 |
>|
>| Call: KD6UQB Simi Settlers ARC |
>|
>|
>| Simi Valley, CA |
>+-----+

I have given away this tape on my Ham Radio & More show 4 or 5 times.
I have had many people call and ask for the phone number and find
this tape of interest to them. It is definitely laughed at by many "old time"
cw users, but it can certainly help many.

73,
Len, KB7LPW

Date: Wed, 1 Jun 1994 13:59:20 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
root@network.ucsd.edu
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

topolski@kaiwan.com (Robb Topolski KJ6YT) writes:

> Well I was agreeing with the sentiment more than the statement. It's not
> as simple as you think. The band is ours. We want to use it,
> efficiently and fairly. In fact, we'll cooperate with a fair, open
> coordination effort eagerly.

Well, its unfortunate, but long ago when 440mhz was an unknown place

and everyone wanted to be on 2 meters, people who wanted to set up closed repeaters were told they had to go to 440mhz. So, they had to spend alot more money to set up their systems, pioneering the way for others to follow.

Now that equipment manufacturers have decided to drop prices and make 440mhz equipment available at inexpensive costs you expect the 440mhz band to change? Sorry, I don't think so.

> There are also far too many "paper" repeaters.

Clearly, paper repeaters should not be coordinated. Around here, if a frequency is "coordinated" but you listen to it for a month and hear no activity, you have squatters rights to plant your butt on that frequency, and if you document everything, the fact that a repeater was "coordinated" on that frequency beforehand is immaterial. The 440mhz band in NE is just about full, and we routinely have to worry about this happening should one of our systems be taken down due to equipment failure, etc.

MD

Date: 1 Jun 94 16:49:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: anyone there ?
To: info-hams@ucsd.edu

i haven't received any of the ham digests from ucsd.edu in many days.
is there a problem ? if someone sees this please let me know if the
digests are still alive. please email...as i'm not receiveing anything
from ucsd.edu thanks.

dan egan

n9hfr@pgd.adp.wisc.edu

Date: Tue, 31 May 1994 23:35:32 MDT
From: ihnp4.ucsd.edu!swrinde!emory!sol.ctr.columbia.edu!newsxfer.itd.umich.edu!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 31 May
To: info-hams@ucsd.edu

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

31 MAY, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 31 MAY, 1994

NOTE: Electrons at greater than 2 MeV reached high fluence levels today. Background x-ray levels were also below class A1.0 levels.

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 151, 05/31/94
10.7 FLUX=069.1 90-AVG=083      SSN=000      BKI=4554 3344  BAI=029
BGND-XRAY=A1.0      FLU1=4.0E+05  FLU10=1.2E+04 PKI=4655 3343  PAI=032
BOU-DEV=042,092,075,049,025,028,052,048  DEV-AVG=051 NT      SWF=00:000
XRAY-MAX= B4.2 @ 2031UT      XRAY-MIN= A1.0 @ 2249UT      XRAY-AVG= A2.8
NEUTN-MAX= +002% @ 0015UT      NEUTN-MIN= -002% @ 1210UT      NEUTN-AVG= -0.2%
PCA-MAX= +0.1DB @ 0125UT      PCA-MIN= -0.4DB @ 0010UT      PCA-AVG= -0.0DB
BOUTF-MAX=55345NT @ 0057UT      BOUTF-MIN=55287NT @ 2001UT      BOUTF-AVG=55312NT
GOES7-MAX=P:+000NT@ 0000UT      GOES7-MIN=N:+000NT@ 0000UT      G7-AVG=+077,+000,+000
GOES6-MAX=P:+141NT@ 1855UT      GOES6-MIN=N:-070NT@ 2355UT      G6-AVG=+124,+030,-025
FLUXFCST=STD:070,070,070;SESC:070,070,070 BAI/PAI-FCST=030,030,030/035,035,030
KFCST=4445 5444 4445 5444 27DAY-AP=023,032 27DAY-KP=4543 4433 5554 4444
WARNINGS=*GSTRM;*AURMIDWRN
ALERTS==MINSTRM
!!END-DATA!!
```

NOTE: The Effective Sunspot Number for 30 MAY 94 is not available.
The Full Kp Indices for 30 MAY 94 are: 5o 7- 5o 5- 4o 4o 4- 4+
The 3-Hr Ap Indices for 30 MAY 94 are: 46 115 52 36 28 28 21 32
Greater than 2 MeV Electron Fluence for 31 MAY is: 1.1E+09

SYNOPSIS OF ACTIVITY

Solar activity was very low. The only event for the past few days was an uncorrelated B4 xray burst at 31/2030UT. The sun remains spotless.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field has been at unsettled to minor storm. High latitude stations saw periods of major storming. Activity is most likely due to a well positioned coronal hole. Energetic electron flux (GT 2 MeV) ranged from normal to high levels over the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be unsettled to minor storm for the entire forecast period. High latitude stations should expect periods of major, possibly severe, storming during local nighttime.

Event probabilities 01 jun-03 jun

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 01 jun-03 jun

A. Middle Latitudes

Active	20/20/20
Minor Storm	30/30/30
Major-Severe Storm	25/25/25

B. High Latitudes

Active	15/15/15
Minor Storm	30/30/25
Major-Severe Storm	35/35/30

HF propagation conditions were below-normal over most regions (particularly middle to polar latitude paths). Degradation was strongest on transauroral circuits where absorption, fading, multipathing, and associated sporadic-E have been fairly prevalent. Spread-F has also been reported in the polar and auroral regions. Similar conditions are expected to persist over the next 48 to 72 hours, through 03 June inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 31/2400Z MAY

NMBR LOCATION LO AREA Z LL NN MAG TYPE
7728 S07W27 322 PLAGUE

REGIONS DUE TO RETURN 01 JUNE TO 03 JUNE

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 31 MAY, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 31 MAY, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV
NO EVENTS OBSERVED

INFERRRED CORONAL HOLES. LOCATIONS VALID AT 31/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
83	S46E51	S70E47	S29W75	S29W75	296	EXT	NEG	101	10830A
84	N40E14	N35E10	N43E09	N43E09	283	ISO	POS	000	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz

NO EVENTS OBSERVED.										

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
	--	--	--	--	--	--	--	--	--	--
Uncorrellated:	0	0	0	0	0	0	0	0	000	(0.0)

Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations

NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II = Type II Sweep Frequency Event
 III = Type III Sweep
 IV = Type IV Sweep
 V = Type V Sweep
 Continuum = Continuum Radio Event
 Loop = Loop Prominence System,
 Spray = Limb Spray,
 Surge = Bright Limb Surge,
 EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Wed, 1 Jun 1994 13:58:49 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!
ub!csn!col.hp.com!srgenprp!bsplaine@network.ucsd.edu
Subject: Got card from HH2PK!
To: info-hams@ucsd.edu

Scott Richard Rosenfeld (ham@wam.umd.edu) wrote:
: I am happy to say that, against my best judgment, I sent a card out to
: Haiti in March and got a reply yesterday!

They get a cheaper mail rate this way... It's like in the 'old days' here in the US when an unsealed envelope could be sent at a reduced mail rate. The cut corners are the equivalent of an unsealed envelope.

73/Bill/N6GHG

Date: Wed, 1 Jun 1994 14:12:41 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3.pstc.brown.edu!
root@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

roger@btree.brooktree.com (Roger Bly) writes:

> Agreed, These laws and the FCC say the repeater
> owner has the right to deny access to any station by DPL, turning the
> machine off, etc. and that makes perfect sense. None of this is a problem
> until you only have 3 open repeaters.

Maybe you ought to look at yourself as a reason why people want closed
repeaters in the first place.

> You can't put up another open 440
> repeater that the community demands because all the closed repeaters are
> "coordinated".

So? Move up to 1.2ghz.

> The greater community is being damaged by the closed repeater
> owners and by the coordinating bodies.

Opinion, not fact. Around here, closed repeaters contribute heavily to
the amateur radio community, offering sanctuaries away from the increasing
number of CB transplants that are destroying 2 meters.

> There is no doubt that as the
> ranks swell, more and more pressure will be put on the closed repeaters to
> open or make way for open machine. To speed the process up, class action
> suits against the owners and coordinating bodies are being considered.

I highly encourage you to litigate. I can't wait to see the courts laugh in
your face.

> I like the "closed means no coordination" policy several people mentioned.
> We should all put pressure on the coordinating bodies to adopt this.

If I applied for and was denied coordination simply because my machine

was going to be "closed", you can bet the coordinating body would be hearing from an attorney. Since the FCC recognizes that repeaters can be closed, a coordinating body's denial of coordination on the basis of "open" or "closed" status is illegal and discriminatory.

> Closed repeaters don't fit the spirit and intent of amateur radio.

That's your opinion. And, with people like you in the hobby, I'm surprised that ALL the machines in SoCal aren't closed.

> What do we do when the bands shrink, the ranks grow, and the number of
> closed repeaters increases? Do we just give up on the hobby? Do we operate
> only on the 1 or 2 frequencies where we can afford the dues?

Ah yes, now we see all. Translated: "I don't want to have to pay to use someone else's equipment." Yup, the good old welfare-state mentality once again. "HEY! I'm BREATHING, aren't I?!? Its my RIGHT!"

Maybe you should move up to 1.2ghz or 2.4ghz. Lots of spectrum up there for open repeaters, and spectrum that we're in danger of loosing due to underutilization.

What? Oh, equipment for those bands is too expensive, or you can't buy an appliance radio for those bands at the local HRO? Well, gee, isn't that just too bad. Sounds like the same issue closed repeater owners faced years ago when they wanted to set up a closed repeater and were told they'd have to do it on 440mhz.

MD

Date: 1 Jun 1994 15:35:04 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!agate!
cat.cis.Brown.EDU!NewsWatcher!user@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

In article <1994Jun1.141241.9956@cs.brown.edu>, root@pstc3.pstc.brown.edu
(System Operator) wrote:

> > Closed repeaters don't fit the spirit and intent of amateur radio.
>
> That's your opinion. And, with people like you in the hobby, I'm surprised
> that ALL the machines in SoCal aren't closed.

Exactly! There's nothing wrong with a closed repeater. Lets face it, if people would grow up and learn some on-the-air manners (ie, not abusing autopatch, listening, etc.) then the need for closed repeaters would dwindle to nothing.

> > What do we do when the bands shrink, the ranks grow, and the number of
> > closed repeaters increases? Do we just give up on the hobby? Do we operate
> > only on the 1 or 2 frequencies where we can afford the dues?

>

> Ah yes, now we see all. Translated: "I don't want to have to pay to use
> someone else's equipment." Yup, the good old welfare-state mentality once
> again. "HEY! I'm BREATHING, aren't I?!? Its my RIGHT!"

There are ways other than monetary to support a repeater but I think you've gotten it pretty much right.

--

== Tony Pelliccio, KD1NR

== Anthony_Pelliccio@brown.edu, Tel. (401) 863-1880 Fax. (401) 863-2269

== The opinions above are my own and not those of my employer.

Date: 1 Jun 1994 10:09:39 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: IDing
To: info-hams@ucsd.edu

[B & M about typical amateur language snipped for brevity...]

% We're not cops. We're not military. We don't need to use
^^^^^^^^^

% 10 codes(some amateurs do this), Q codes, CW codes when speaking
% phone.
%

I think I'll start using Z-codes on 2m and see what sort of reaction I get.....:-) :-)

73!

T.M.K. -- kj5gu

phantom@pro-haven.cts.com

Internet: phantom@pro-haven.cts.com
UUCP: crash!pro-haven!phantom

Date: 1 Jun 1994 15:31:20 GMT
From: ihnp4.ucsd.edu!agate!uclink.berkeley.edu!tah@network.ucsd.edu
Subject: NEEDED: FCC Compliant FM Xmitter
To: info-hams@ucsd.edu

I am trying to get a community station off of the ground in rural Vermont, and finding the FCC regulations to be a serious stumbling block. Rather than pay several thousand for a new transmitter, or pay several thousand to get a homebrew transmimtter cleared by the FCC, I'd like to find someone (or some station) with an old low power (50 watts or so) transmitter that they would be willing to sell or give away (tax-deductible).

If you have such an item, or have any good ideas about where I could find such a thing, please send me mail at:

tah@uclink.berkeley.edu

Thanks,
Andy

Date: 1 Jun 94 10:41:07 -0230
From: newsflash.concordia.ca!nstn.ns.ca!coranto.ucs.mun.ca!leif!
jcraig@uunet.uu.net
Subject: TRANSVERTERS
To: info-hams@ucsd.edu

In article <2shqit\$bi0@usenet.INS.CWRU.Edu>, co128@cleveland.Freenet.Edu (James J Martin) writes:

>
> Ten Tec 6 meter transverter kit (1208) for up to 5 Watts in on
> 20 meters will give you 8 Watts out on 6.
^^^^^^^^^
>
> kit \$95.00
> assembled \$159.00
>
> There has been a delay in shipping.
> --
> JIM MARTIN W8AC
> co128@cleveland.freenet.edu

Does the xvtr really use the 20m IF? Most use 28 Mc/s so more of the band can be covered, ie 28-30 -> 50-52. Also, is the TT xvtr typical of TT design and quality?

Joe V01NA

Date: 1 Jun 1994 14:03:27 GMT
From: tymix.Tymnet.COM!niagara!flanagan@uunet.uu.net
To: info-hams@ucsd.edu

References <2seid0\$702@kaiwan.kaiwan.com>, <2sfhir\$r4g@tymix.Tymnet.COM>, <rogjdCqpCto.6B6@netcom.com>.Tymn
Subject : Re: 440 in So. Cal.

In article <rogjdCqpCto.6B6@netcom.com> rogjd@netcom.com (Roger Buffington) writes:

>That's right Dick, OB. 99% of the amateurs in Southern California are the >have nots, and the good old boys who have assigned themselves pretty much >all of 440 are the haves. And I'm for throwing them out...you have that >quite right.

Those "good old boys" were properly and legitimately coordinated when a lot of the sabre-rattling crowd were still in diapers. How long before the next Revolution Of The Have Nots throws out =your= "coordinated" repeaters?!? How do you protect =your= repeaters from the next batch of frequency grabbers?

--
Dick Flanagan, W6OLD w6old@n6qmy.#nocal.ca.usa.na
dick@libelle.com CIS:73672,751 GEnie:FLANAGAN

Date: Wed, 1 Jun 1994 14:22:50 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!brunix!pstc3!md@network.ucsd.edu
To: info-hams@ucsd.edu

References <2sfhir\$r4g@tymix.Tymnet.COM>, <rogjdCqpCto.6B6@netcom.com>, <2si4ff\$q06@tymix.Tymnet.COM>
Subject : Re: 440 in So. Cal.

In article <2si4ff\$q06@tymix.Tymnet.COM>, flanagan@niagara.Tymnet.COM (Dick Flanagan) writes:

|> Those "good old boys" were properly and legitimately coordinated when a lot |> of the sabre-rattling crowd were still in diapers. How long before the next |> Revolution Of The Have Nots throws out =your= "coordinated" repeaters?!? How

|> do you protect =your= repeaters from the next batch of frequency grabbers?

Yes, my sentiments exactly. What is the next thing they're not going to like about your repeater? Oh, you don't have free autopatch access! Well, you should be decoordinated for someone who is willing to give us free long-distance autopatch privs!

Gimme, gimme, gimme. The welfare-state mentality permeates the hobby. SICKENING.

MD

--

-- Michael P. Deignan
-- Amalgamated Baby Seal Poachers Union, Local 101
-- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

Date: 1 Jun 1994 15:41:22 GMT
From: cyberpunk.ucsd.edu!brian@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994May30.134341.23782@uxmail.ust.hk>,
<jkauffmnCqMJ6I.K1o@netcom.com>, <1994May31.222729.5422@ttinews.tti.com>
Subject : Re: Six meter HT

I rather like my Motorola PT-300. 5 watts out on 6m. The batteries are getting a little hard to find, and the antenna is kinda big, but it sure has been dependable! I bought it for \$15 at the swapmeet.

- Brian

Date: 1 Jun 1994 07:02:06 -0500
From: ihnp4.ucsd.edu!swrinde!news.uh.edu!uuneo.neosoft.com!sugar.NeoSoft.COM!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <2seid0\$702@kaiwan.kaiwan.com>, <2sfhir\$r4g@tymix.Tymnet.COM>,
<2sh2lq\$b77@kaiwan.kaiwan.com>
Subject : Re: 440 in So. Cal.

In article <2sh2lq\$b77@kaiwan.kaiwan.com>,
Robb Topolski KJ6YT <topolski@kaiwan.com> wrote:

>Well I was agreeing with the sentiment more than the statement. It's not
>as simple as you think. The band is ours. We want to use it,
>efficiently and fairly. In fact, we'll cooperate with a fair, open

>coordination effort eagerly.

But what about the "closed" systems that have many users? They do exist. You can't simply say "throw out all closed systems". It just doesn't work. There may well be a need for reform in SoCal, but the band belongs to the owners of closed systems just as it belongs to those who want every system to be open.

As a frequency coordinator, you must look at both sides of the issue. Many of the closed systems have been operating for long periods of time without causing problems. A coordinator just can't say "Well, we've changed our policies, and you have to go". They'll get their butts sued off.

The "paper" radios should be decoordinated. There's no coordinator worth his salt who will disagree with this, but you can't expect any coordinator to just see one side of the issue.

Contrary to some operators' beliefs, an open repeater is not "more worthy" of a frequency...in the FCC's eyes or anyone else's. A good coordinator must balance the needs of the existing systems with the desires of new hams who want to put on repeaters. It's not a black and white issue.

--

Jim Reese, WD5IYT | "Real Texans don't let the truth get in
jreese@sugar.neosoft.com | the way of a good story."

End of Info-Hams Digest V94 #604
